FOR FY 2003 Patent fees are subject to annual revision.

Patent fees are subject to annual revision.
licant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)1,555

| Complete if Known | | | | | |
|----------------------|--------------------|--|--|--|--|
| Application Number | 09/336,126 | | | | |
| Filing Date | June 18, 1999 | | | | |
| First Named Inventor | Ren et al. | | | | |
| Examiner Name | M. Miggins | | | | |
| Art Unit | 1772 | | | | |
| Attorney Docket No. | 19226/950 (R-5504) | | | | |

| METHOD OF PAYMENT (check all that apply) | FEE CALCULATION (continued) | | | | | | |
|---|-----------------------------|-------------|-------------|---------------|--|----------|--|
| Check Credit Card Money Other None Order | 3. ADDITIONAL FEES | | | | | | |
| Deposit Account: | | Entity | | Entity | 70 | | |
| Deposit Account 14-1138 | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | | |
| Number 14-1138 | 1051 | 130 | 2051 | 65 | Surcharge – late filing fee or oath | 7 | |
| | 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee of corer | \dashv | |
| | | | | | sheet | | |
| Deposit Nivon Books dr. I I D | 1053 | 130 | 1053 | 130 | Non-English specification | - | |
| Account Name Nixon Peabody LLP | 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | 77 | |
| | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner | | |
| The Commissioner is authorized to: (check all that apply) | | 1.040* | | 1.040* | action CGIP 0 5 | Ξ. | |
| Credit any overpayments | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | | |
| Charge any additional fee(s) | 1251 | 110 | 2251 | 55 | Extension for reply within first month | | |
| Charge fee(s) indicated below, except for the filing fee | 1252 | 410 | 2252 | 205 | Extension for reply within second month | ┥ | |
| to the above-identified deposit account. | 1253 | 930 | 2253 | 465 | Extension for reply within third month | - | |
| FEE CALCULATION | 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | \dashv | |
| 1. BASIC FILING FEE | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month 985 | \dashv | |
| | 1401 | 320 | 2401 | 160 | Notice of Appeal | | |
| Large Entity Small Entity Fee Fee Fee Fee Fee Description | | | | | | 4 | |
| Code (\$) Code (\$) Fee Paid | 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | _ | |
| | 1403 | 280 | 2403 | 140 | Request for oral hearing | _ | |
| 1001 750 2001 375 Utility filing fee 375 | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | | |
| 1002 330 2002 165 Design filing fee | 1452 | 110 | 2452 | 55 | Petition to revive – unavoidable | | |
| 1003 520 2003 260 Plant filing fee | 1453 | 1,300 | 2453 | 650 | Petition to revive – unintentional | | |
| 1004 750 2004 375 Reissue filing fee | 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | | |
| 1005 160 2005 80 Provisional filing fee | 1502 | 470 | 2502 | 235 | Design issue fee | | |
| 1005 100 2005 00 Trovisional timing fee | 1503 | 630 | 2503 | 315 | Plant issue fee | | |
| SUBTOTAL (1) (\$) 375 | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | | |
| (3) 373 | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | _ | |
| Fee from | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property | | |
| Extra Claims below Fee Paid | 0021 | -10 | 0021 | 40 | (times number of properties) | | |
| Total Claims $\boxed{37}$ $-20^{**} = \boxed{17}$ $X \boxed{9} = \boxed{153}$ | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection | | |
| Independent 4 -3**= 1 X 42 = 42 | 1810 | 750 | 2810 | 375 | (37 CFR 1.129(a)) For each additional invention to be examined | - | |
| Claims | | , | | / - | (37 CFR 1.129(b)) | | |
| Multiple Dependent X = 0 | 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | | |
| Large Entity Small Entity | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design | | |
| Fee Fee Fee Fee <u>Fee Description</u> | | | ''' | , , , | application | | |
| Code (\$) Code (\$) | Other | fee (speci | fy) | | | | |
| 1202 18 2202 9 Claims in excess of 20 | | | | | | | |
| 1201 84 2201 42 Independent claims in excess of 3 | L | | | | CUIDTOT 1 (2) (4) 005 | | |
| 1203 280 2203 140 Multiple dependent claim, if not paid | *Redu | ced by Ba | ISIC FILIN | ng Fee Paid | SUBTOTAL (3) (\$) 985 | | |
| 1204 84 2204 42 ** Reissue independent claims over | | | | | | | |
| original patent | l | | | | MAILING OR TRANSMISSION [37 CFR 1.8(a)] | | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and | I hereb | | | - | lence is being: | | |
| over original patent | | | | | nited States Postal Service on the date shown below with sufficient mail in an envelope addressed to: Mail Stop AF, Commissioner | | |
| SUBTOTAL (2) (\$) 195 | | | | | (1450, Alexandria, VA 22313-1450 | | |
| **or number previously paid, if greater, For Reissues, see above | | | | | tile on the date shown below to the United States Patent and | | |
| | 1 | Tr | ademarl | k Office at (| . (703) | | |
| | 07/10/ | | | | | | |
| | | Dat | e | | Signature Wendy L. Barry | | |
| 1 | | | | | Typed or printed name | | |
| SUBMITTED BY | | | | | Complete (if applicable) | | |
| Edwin V Merkel | Regist | ration N | o. T | 40,087 | (585) 263-1128 | | |
| Name (Print/Type) | _ | ney/Agen | | | Telephone | | |
| Signature 20 July | | | | | Date July 10, 2003 | | |
| | | | | | • | | |



EXPRESS MAIL CERTIFICATE

DOCKET NO.:

19226/950 (R-5504)

APPLICANTS:

Ren et al.

TITLE:

TO THE STATE OF TH FREE-STANDING AND ALIGNED CARBON NANOT

AND SYNTHESIS THEREOF

Certificate is attached to the Continued Prosecution Application (CPA) Request Transmittal Letter (2 pages) (in duplicate) and Fee Transmittal (1 page) (in duplicate) of the above-named application.

"EXPRESS MAIL" NUMBER:

EV138586910US

DATE OF DEPOSIT:

July 10, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop CPA, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Shawn A. Lockett

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)



EXPRESS MAIL CERTIFICATE

PECEIVED TO 1200

DOCKET NO.:

19226/950 (R-5504)

APPLICANTS:

Ren et al.

TITLE:

FREE-STANDING AND ALIGNED CARBON NANOTUBES

AND SYNTHESIS THEREOF

Certificate is attached to the **Petition for Extension of Time Under 37 CFR** § 1.136(a) (in duplicate) of the above-named application.

"EXPRESS MAIL" NUMBER:

EV138586910US

DATE OF DEPOSIT:

July 10, 2003

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Shawn A. Lockett
(Typed or printed name of person mailing paper or fee)

/

(Signature of person mailing paper or fee)



EXPRESS MAIL CERTIFICATE

DOCKET NO.:

19226/950 (R-5504)

APPLICANTS:

Ren et al.

TITLE:

THE TOO TOO TOO FREE-STANDING AND ALIGNED CARBON NANOTUBE

AND SYNTHESIS THEREOF

Certificate is attached to the Amendment (11 pages) of the above-named application.

"EXPRESS MAIL" NUMBER:

EV138586910US

DATE OF DEPOSIT:

July 10, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop CPA, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

> Shawn A. Lockett (Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)



CONTINUED PROSECUTION APPLICATION (CPA)
REQUEST TRANSMITTAL

Submit an original, and a duplicate for fee processing.

CHECK BOX, if applicable:

(Only for Continuation or Divisional applications under 37 CFR 1.53(d))

■ DUPLICATE

| | (, | | | | |
|-------------|--|---|----------------------------------|--|--|
| Address to: | Mail Stop CPA | Attorney Docket No. of Prior Application | 19226/950 (R-5504) 04/336,126 | | |
| | Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 | First Named Inventor | Ren et al. | | |
| | | Examiner Name | M. Miggins | | |
| | | Group Art Unit | 1772 | | |
| | | Express Mail Label No. | EV138586910US | | |

This is a request for a continuation or divisional application under 37 CFR 1.53(d), (continued prosecution application (CPA)) of prior application number 09/336,126, filed on June 18, 1999, entitled FREE-STANDING AND ALIGNED CARBON NANOTUBES AND SYNTHESIS THEREOF

NOTES

FILING QUALIFICATIONS: The prior application identified above must be a nonprovisional application that is either: (1) complete as defined by 37 CFR 1.51(b), or (2) the national stage of an international application in compliance with 35 U.S.C. 371. Effective May 29, 2000, a CPA may only be filed in a utility or a plant application if the prior nonprovisional application was filed before May 29, 2000. A CPA may be filed in a design application regardless of the filing date of the prior application. See "Request for Continued Examination Practice changes to and Provisional Application Practice," Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office (Apr. 11, 2000).

C-I-P NOT PERMITTED: A continuation-in-part application cannot be filed as a CPA under 37 CFR 1.53(d), but must be filed under 37 CFR 1.53(b).

EXPRESS ABANDONMENT OF PRIOR APPLICATION: The filing of this CPA is a request to expressly abandon the prior application as of the filing date of the request for a CPA. 37 CFR 1.53(b) must be used to file a continuation, divisional, or continuation-in-part of an application that is not to be abandoned.

ACCESS TO PRIOR APPLICATION: The filing of this CPA will be construed to include a waiver of confidentiality by the applicant under 35 U.S.C. 122 to the extent that any member of the public who is entitled under the provisions of 37 CFR 1.14 to access to, copies of, or information concerning, the prior application may be given similar access to, copies of, or similar information concerning, the other application or applications in the file jacket.

35 U.S.C. 120 STATEMENT: In a CPA, no reference to the prior application is needed in the first sentence of the specification and none should be submitted. If a sentence referencing the prior application is submitted, it will not be entered. A request for a CPA is the specific reference required by 35 U.S.C. 120 and to every application assigned the application number identified in such request, 37 CFR 1.78(a).

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provided credit card information and authorization on PTO-2038.

| _ | |
|----|--|
| 1. | Enter the unentered amendment previously filed on |
| | under 37 CFR 1.116 in the prior nonprovisional application. |
| 2. | A preliminary amendment is enclosed. |
| 3. | This application is filed by fewer than all the inventors named in the prior application, 37 CFR 1.53(d)(4). |
| | a. DELETE the following inventor(s) named in the prior nonprovisional application: |
| | |
| | |
| | b. The inventor(s) to be deleted are set forth on a separate sheet attached hereto. |
| 4. | A new power of attorney or authorization of agent (PTO/SB/81) is enclosed. |
| 5. | Information Disclosure Statement (IDS) is enclosed: |
| | a. D PTO-1449 |
| | b. Copies of IDS Citations |
| | |

07/14/2003 AWONDAF1 00000098 09336126

01 FC:2006 02 FC:2201 03 FC:2202 375.00 OP 42.00 OP 153.00 OP

| CLAIMS | (1) FOR | (2) NUMBER FILED | (3) NUMBER EXTRA | (4) RATE | (5) CALCULATIONS | | | |
|--|--|---|--------------------------|----------------------------|------------------------------|--|--|--|
| | TOTAL CLAIMS (37 CFR 1.16(c) or (j)) | 37-20*= | 17 | x \$9= | \$153.00 | | | |
| | INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i)) | 4-3**= | 1 | x \$42= | \$42.00 | | | |
| 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | MULTIPLE DEPENDENT CI | | FR 1.16(d)) | + \$= | | | | |
| | | | | BASIC FEE (37 CFR 1.16) | 375 | | | |
| | | | Total of above | | \$570.00 | | | |
| | Reduction by 50% for filing by | small entity (Note 37 CFR | 1.27). | | | | | |
| | * Reissue claims in excess of 2 ** Reissue independent claim | | | TOTAL = | 570.00 | | | |
| 6. 🗷 Small en | ntity status: Applicant claims si | mall entity status. See 37 C | FR 1.27. | | <i>G</i> | | | |
| | ssioner is hereby authorized to count No. 14-1138: | credit overpayments or char | ge the following fees to | • | | | | |
| · — | es required under 37 CFR 1.16. | | | | | | | |
| _ | es required under 37 CFR 1.17. | | | | | | | |
| c. 🗖 Fee | es required under 37 CFR 1.18. | | | | | | | |
| 8. 🗷 A check | to cover the \$570.00 filing fee | is enclosed. | | | | | | |
| 9. Payment | t by credit card. Form PTO-20 | 38 is attached. | | | | | | |
| | nt requests suspension of action | | | months | | | | |
| ` | exceed 3 months) and the fee un | • | sed. | | | | | |
| 11. New Attorney Docket Number, if desired | | | | | | | | |
| 12. a. 🔲 R | | | | | | | | |
| b. 🗷 R | teturn Receipt Postcard (Should | be specifically itemized, See M | PEP 503) | | | | | |
| 13. 🗵 Other: I | Petition for Extension of Time I | Jnder 37 CFR § 1.136(a). | | | | | | |
| NOTE: | | orrespondence address wil ndence address is provided | | | | | | |
| | | 14. NEW CORRESPO | ONDENCE ADDRESS | | | | | |
| Customer N | umber of Bar Code Label | | | or 🗷 New o | correspondence address below | | | |
| | | C C | | | • | | | |
| Nama | (insert Customer No. or Attach bar code label here) Name Nixon Peabody LLP | | | | | | | |
| Name Nixon Feabody LLF | | | | | | | | |
| Address Clinton Square, P.O. Box 31051 | | | | | | | | |
| City | City Rochester State NY Zip Code 14603-1051 | | | | | | | |
| Country | USA | Telephor | 1 | 1 ' | (585) 263-1600 | | | |
| | | | | • | 1 | | | |
| | 15. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED | | | | | | | |
| | Name (Print/Type) | Edwin V | 4erkel | | | | | |
| | Signature | 20in | Healel | | | | | |
| | Registration No. (Attorne | ry/Agent) 40,087 | | | | | | |
| | Date | 1 1 1 | 10.2002 | | | | | |



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| APPL NO. | FILING OR 371 GRP ART FIL FEE REC'D | FIL FEE REC'D | ATTY.DOCKET NO | DRAWINGS | TOT CLMS | IND CLMS | |
|------------|-------------------------------------|---------------|----------------|--------------|----------|----------|----|
| 00/000 400 | 06/19/1000 | 1772 | 1686 | 19226/650R55 | 19 | 86 | 15 |

MICHAEL L GOLDMAN NIXON HARGRAVE DEVANS & DOYLE CLINTON SQUARE P O BOX 1051 P.O. BOX 31051 ROCHESTER, NY 14603 CONFIRMATION NO. 7291
CORRECTED FILING RECEIPT
OC000000010566488

Date Mailed: 07/25/2003

Receipt is acknowledged of a CPA in this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

ZHIFENG REN, EAST AMHERST, NY; ZHONGPING HUANG, CHEEKTOWAGA, NY; JUI H. WANG, AMHERST, NY; DEZHI WANG, WILLIAMSVILLE, NY;

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/089,965 06/19/1998 and claims benefit of 60/099,708 09/10/1998

Foreign Applications

If Required, Foreign Filing License Granted: 07/21/1999

CPA filed on: 07/10/2003

Projected Publication Date: 10/30/2003

Non-Publication Request: No

Early Publication Request: No

A Contirmation Coper